

Rabbit SLC25A5 Polyclonal Antibody | anti-SLC25A5 antibody

SLC25A5 Antibody

CATALOG # AAA327831	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	--	--

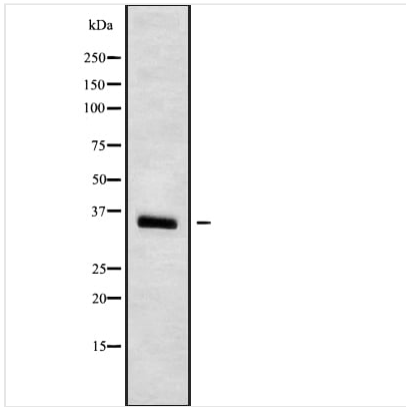
PRODUCT SYNONYMS

SLC25A5; Polyclonal Antibody; SLC25A5 Antibody; 2F1; AAC2; Adenine nucleotide translocator 2; ADP; ADP ATP carrier protein 2; ADP/ATP translocase 2; ADT2_HUMAN; ANT 2; ANT2; ATP carrier protein 2; ATP carrier protein; fibroblast isoform; OTTHUMP00000024324; Solute carrier family 25 (mitochondrial carrier adenine nucleotide translocator) member 5; Solute carrier family 25 member 5; T2; T3; anti-SLC25A5 antibody

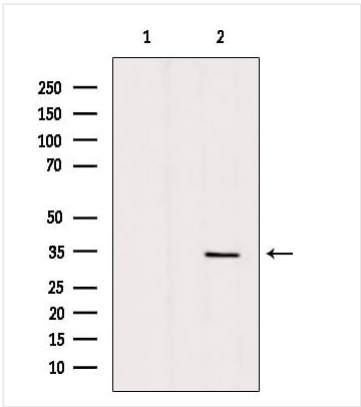
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC25A5 antibody detects endogenous levels of total SLC25A5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	298
Applicable Applications for anti-SLC25A5 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human SLC25A5
Subcellular Location	Mitochondrion Inner Membrane.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (90%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis SLC25A5 using COLO205 whole cell lysates



WB (Western Blot)
Western blot analysis of extracts from mouse brain, using SLC25A5 Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC25A5 antibody	Function: Catalyzes the exchange of cytoplasmic ADP with mitochondrial ATP across the mitochondrial inner membrane. As part of the mitotic spindle-associated MMXD complex it may play a role in chromosome segregation. Subunit Structure: Homodimer. Component of the MMXD complex, which includes CIAO1, ERCC2, FAM96B, MMS19 and SLC25A5. Interacts with HIV-1 Vpr. Similarity: The transmembrane helices are not perpendicular to the plane of the membrane, but cross the membrane at an angle. Odd-numbered transmembrane helices exhibit a sharp kink, due to the presence of a conserved proline residue. Belongs to the mitochondrial carrier (TC 2.A.29) family.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	156071459
NCBI GeneID	292
NCBI Accession #	NP_001143.2
NCBI GenBank Nucleotide #	NM_001152.4
UniProt Accession #	P05141; O43350; B2RCV1
Molecular Weight	Observed: 33 kDa Predicted: 33 kDa
NCBI Official Full Name	ADP/ATP translocase 2
NCBI Official Synonym Full Names	solute carrier family 25 member 5
NCBI Official Symbol	SLC25A5
NCBI Official Synonym Symbols	T2; T3; 2F1; AAC2; ANT2
NCBI Protein Information	ADP/ATP translocase 2
UniProt Protein Name	ADP/ATP translocase 2
UniProt Gene Name	SLC25A5
UniProt Synonym Gene Names	ANT2; ANT 2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.